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Department of Energy  
Richland Operations Office  
P.O. Box 550  
Richland, Washington 99352

DEC 26 2006

07-AMCP-0073

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Nuclear Waste Program  
State of Washington  
Department of Ecology  
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U.S. Environmental Protection Agency  
309 Bradley Blvd., Suite 115  
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Addressees:

COMPLETION OF THE GROUNDWATER PROTECTION, MONITORING AND  
REMEDATION WELLS REQUIRED BY THE HANFORD FEDERAL FACILITY  
AGREEMENT AND CONSENT ORDER (TRI-PARTY AGREEMENT) INTERIM  
MILESTONE M-024-57J FOR CALENDAR YEAR (CY) 2006

The purpose of this letter is to notify the State of Washington Department of Ecology and the U.S. Environmental Protection Agency that the U.S. Department of Energy, Richland Operations Office has completed 15 groundwater protection, monitoring, and remediation wells required by Tri-Party Agreement Interim Milestone M-024-57J, ahead of the December 31, 2006, due date. The wells are in sample-ready condition and bring the cumulative total to 60 groundwater protection, monitoring, and remediation wells installed under Tri-Party Agreement Interim Milestone M-024-57J. The enclosed list includes the wells completed in CY 2006.

If you have questions, please contact me, or your staff may contact Matt McCormick, Assistant Manager for the Central Plateau, on (509) 373-9971.

Sincerely,

*Betty L. Hollowell*  
*acting for*  
Keith A. Klein  
Manager

AMCP:KMT

Enclosure

cc: See Page 2

Addressees  
07-AMCP-0073

-2-

cc w/encl:

D. Bartus, EPA  
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Administrative Record  
Environmental Portal

cc w/o encl:

B. H. Ford, FHI  
R. E. Piippo, FHI

**GROUNDWATER PROTECTION, MONITORING AND REMEDIATION WELLS  
COMPLETED IN CY 2006**

Well #	OU/Other	Comments	Temporary Name	Program/Facility Name/ Locations	Justification/Purpose	Deep Bore-hole 1	TPA CY06
C4855	300-FF-5	699-S20-E10	TBD	300-FF-5	Resolve Modeling Needs		X
C4685	LLBG	299-W15-152	LLBG-1	RCRA/LLWMA 4, perimeter well approximately 300' south of well 299-W15-16	RCRA IS/FS detection at point of compliance		X
C4683	LLBG	299-W15-83	LLBG-2	RCRA/LLWMA 4, perimeter well approximately 450' from NE corner and north of well 299-W15-16	RCRA IS/FS detection at point of compliance		X
C4684	LLBG	299-W15-94	LLBG-3	RCRA/LLWMA 4, Replacement or deepening of dry well 299-W15-18	RCRA IS/FS detection at point of compliance/ replacement well for dry well		X
C4882	BP-5	699-50-59	BP-1	CERCLA/ BP-5 OU/Gable Gap	Defined in 200-BP-5 SAP (DOE/RL-2001-49) (EPA 1 in 2/22/05 mtg)	X	X
C4694	ZP-1 well	299-W11-43	H	CERCLA 200-ZP-1 W of T plant	Rqrd by DOE/RL-2003-55 define W bndry of U plume		X
C4695	UP-1 well	299-W19-49	M	CERCLA 200-UP-1 S of U plant	Rqrd by DOE/RL-92-76 define W bndry of Tc plume		X
C4966	UP-1 well	299-W19-101	L	CERCLA 200-UP-1 SE of U plant	Rqrd by DOE/RL-92-76 define NE bndry of Tc plume		X
C4697	ZP-1 wells	699-50-74	T	CERCLA ZP-1 OU	Rqrd by DOE/RL-2003-55 define N bndry of CCL4 plume		X

Well #	OU/Other	Comments	Temporary Name	Program/Facility Name/ Locations	Justification/Purpose	Deep Bore-hole 1	TPA CY06
C4988	LLBG	299-W10-29	LLBG 20	RCRA/LLWMA 3, downgradient well ~200m NNE of well 299-10-13	RCRA detection monitoring downgradient		X
C5194 (Replaced C4987)	LLBG	299-W10-31 replaced 299-W10-25	LLBG-7	RCRA/LLWMA 3, perimeter well approximately 300' north of well 299-W10-20	RCRA IS/FS detection at point of compliance		X
C4989	LLBG	299-W10-30	LLBG 21	RCRA/LLWMA 3, downgradient well ~100m NNE of well 299-10-13	RCRA detection monitoring downgradient		X
C4986	LLBG	299-W15-224	LLBG 4	RCRA/LLWMA 4, perimeter well approximately 150' from NE corner and north of well 299-W15-16	RCRA IS/FS detection at point of compliance		X
C4990	ZP-1/RCRA	299-W11-47	T-3	near the SE Corner of T Tank Farm near Well W-11-41	Assist in the determination of Tc-99 distribution to Basalt	X	X
C4948	ZP-1/RCRA	299-W11-45	T-2	RCRA RL/WMA T/East far-field, at postulated leading edge of Tc-99 plume	Site in Assessment. Downgradient plume characterization per DQO HNF 12236	X	X

1) Deep wells are to be drilled a minimum of 120 ft below the water table, and possibly deep, to the base of the unconfined aquifer (e.g. this is the Ringold Lower Mud Unit in 200 West Area), as specified in project specific RCRA sampling and analysis plans and CERCLA characterization plans.